

PRODUCT SPECIFICATIONS

KTZ® UMBER

INCI Name: Mica (And) Iron Oxides (C.I. 77491)

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Free flowing powder with copper appearance	Visual
002A	Odor	None	Organoleptic
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
024F	Median Particle Size, µm	Min : 43 - Max : 63	Light Scattering Sizer
024J	Particle Size Range, µm	Min : 20 - Max : 80	Light Scattering Sizer
025I	pH 10% Aq. Dispersion	Min : 6 - Max : 11	10% slurry, measure supernant
027X	Arsenic, ppm	Min : 0 - Max : 3	TZTM-55
029U	Lead, ppm	Min : 0 - Max : 10	TZTM-55
031K	Mercury, ppm	Min : 0 - Max : 1	TZTM-55
037A	Oil Absorption, g. / 100g.	Min : 55 - Max : 110	ASTM Method D281-84
079A	Barium, ppm	Min : 0 - Max : 50	AAS
080E	Cadmium, ppm	Min : 0 - Max : 5	TZTM-55
081D	Chromium, ppm	Min : 0 - Max : 100	TZTM-55
082D	Copper, ppm	Min : 0 - Max : 50	TZTM-55
083D	Nickel, ppm	Min : 0 - Max : 40	TZTM-55
084F	Zinc, ppm	Min : 0 - Max : 100	TZTM-55

If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.

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